

FIG. 1

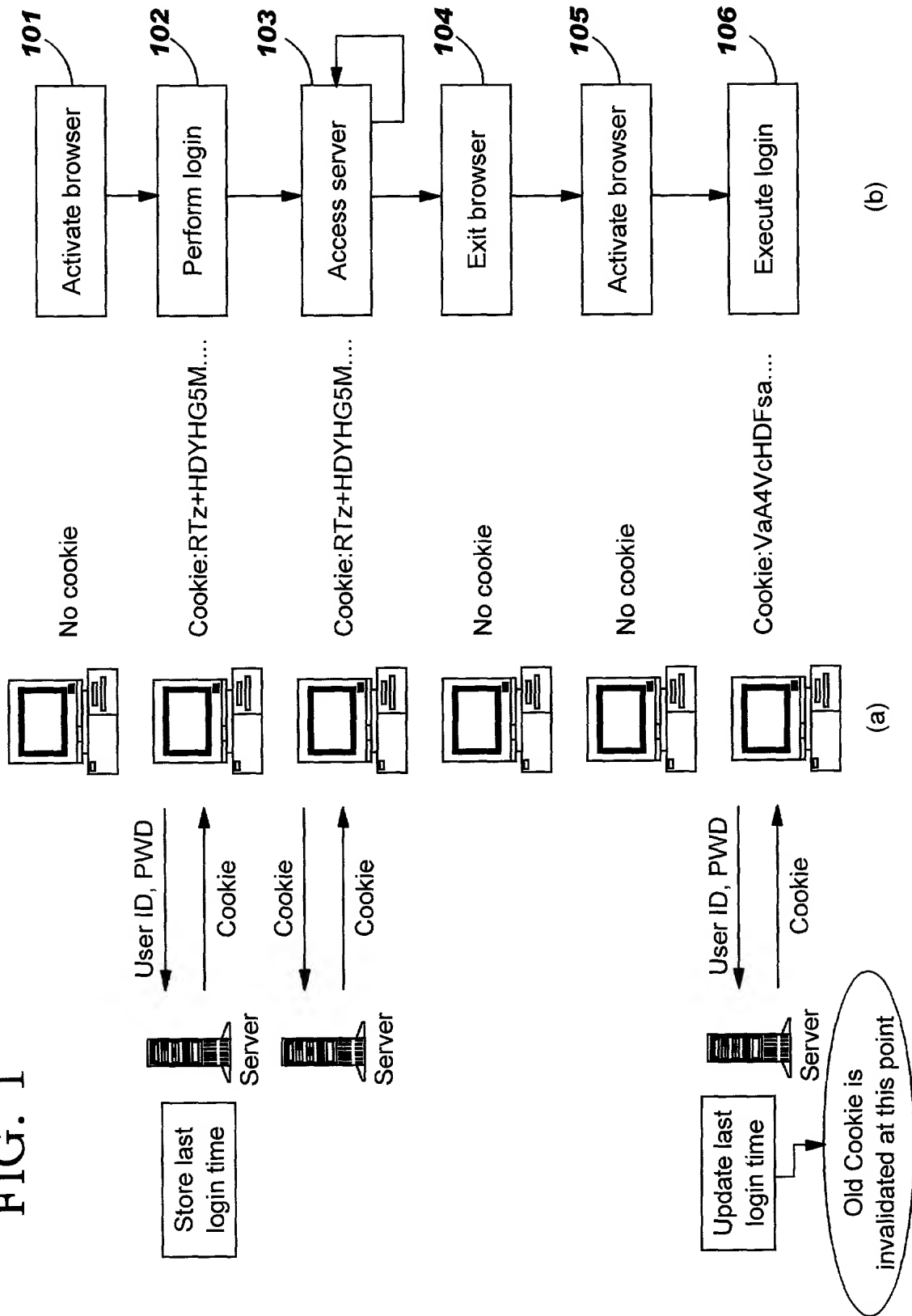
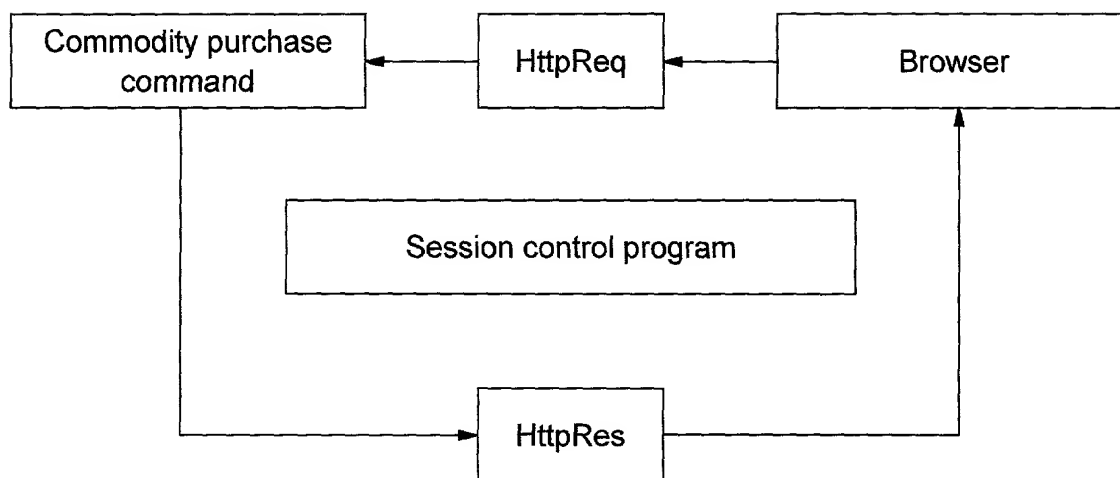


FIG. 2



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FIG. 3

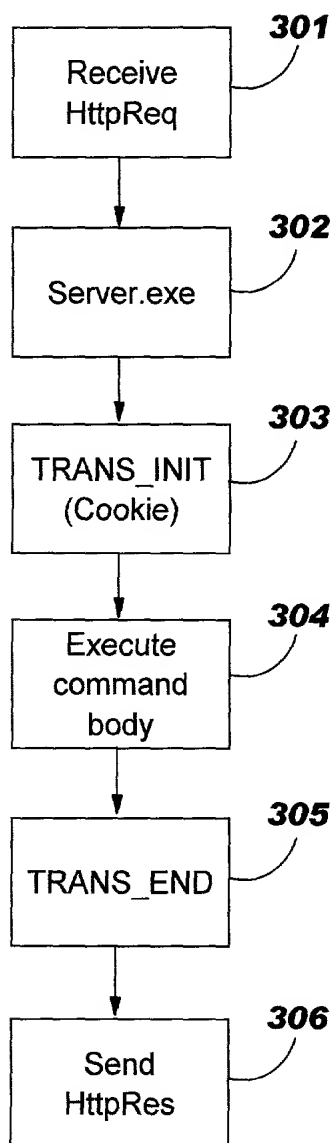


FIG. 4

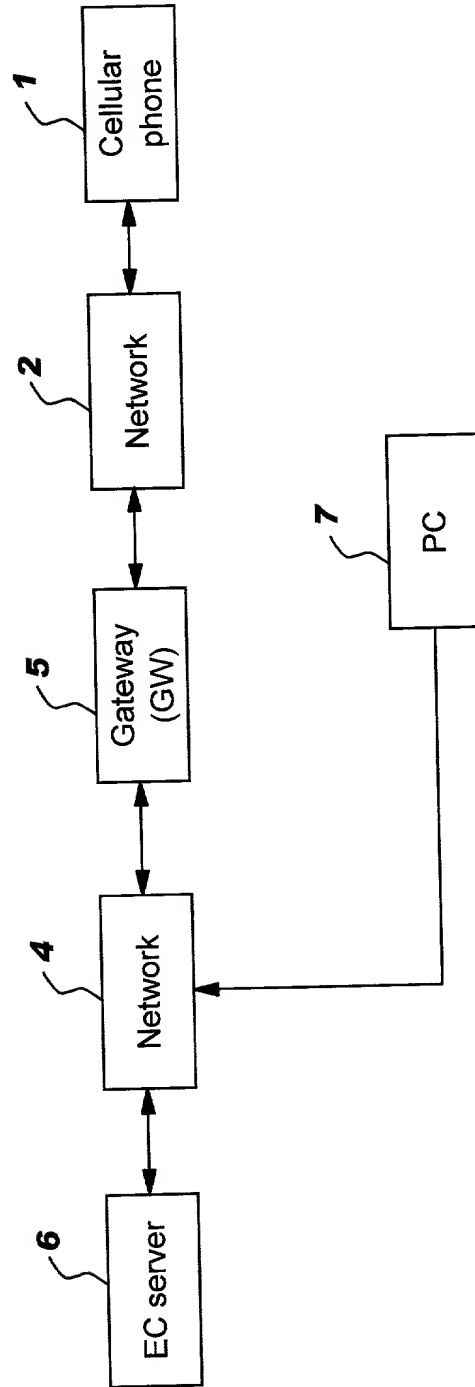


FIG. 5

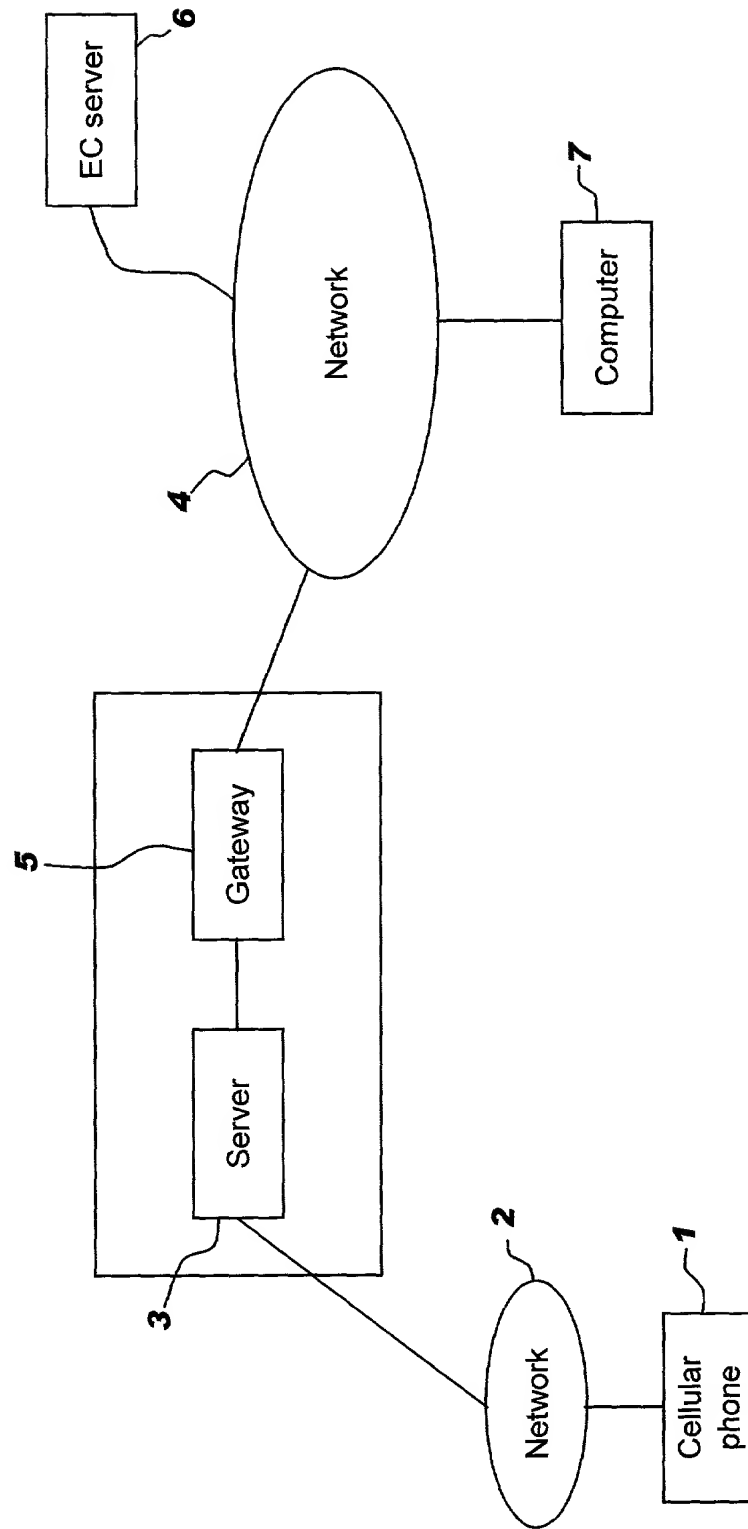


FIG. 6

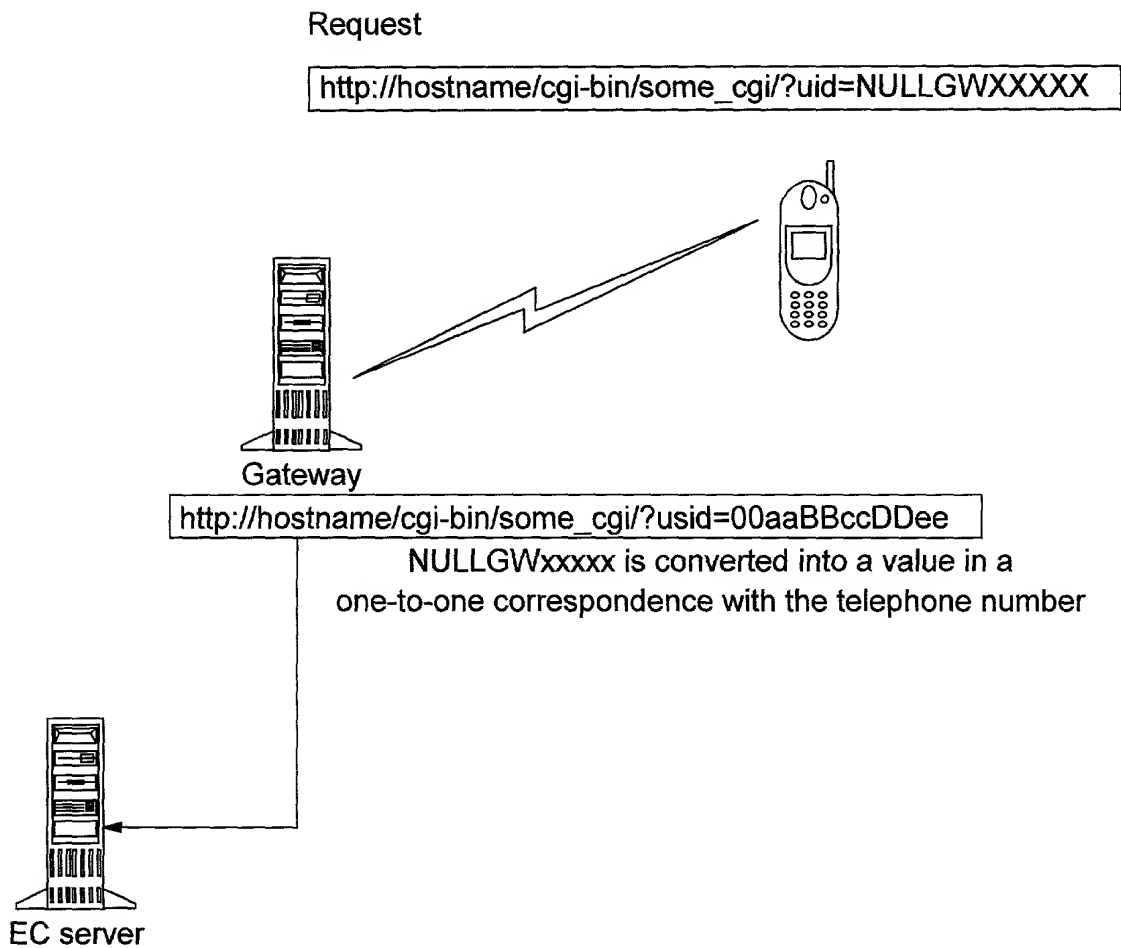


FIG. 7

A	B	C	D	
ID			ID	
PWD			PWD	
Address			Address	
...
Identifier			.	
Status information			.	

FIG. 8

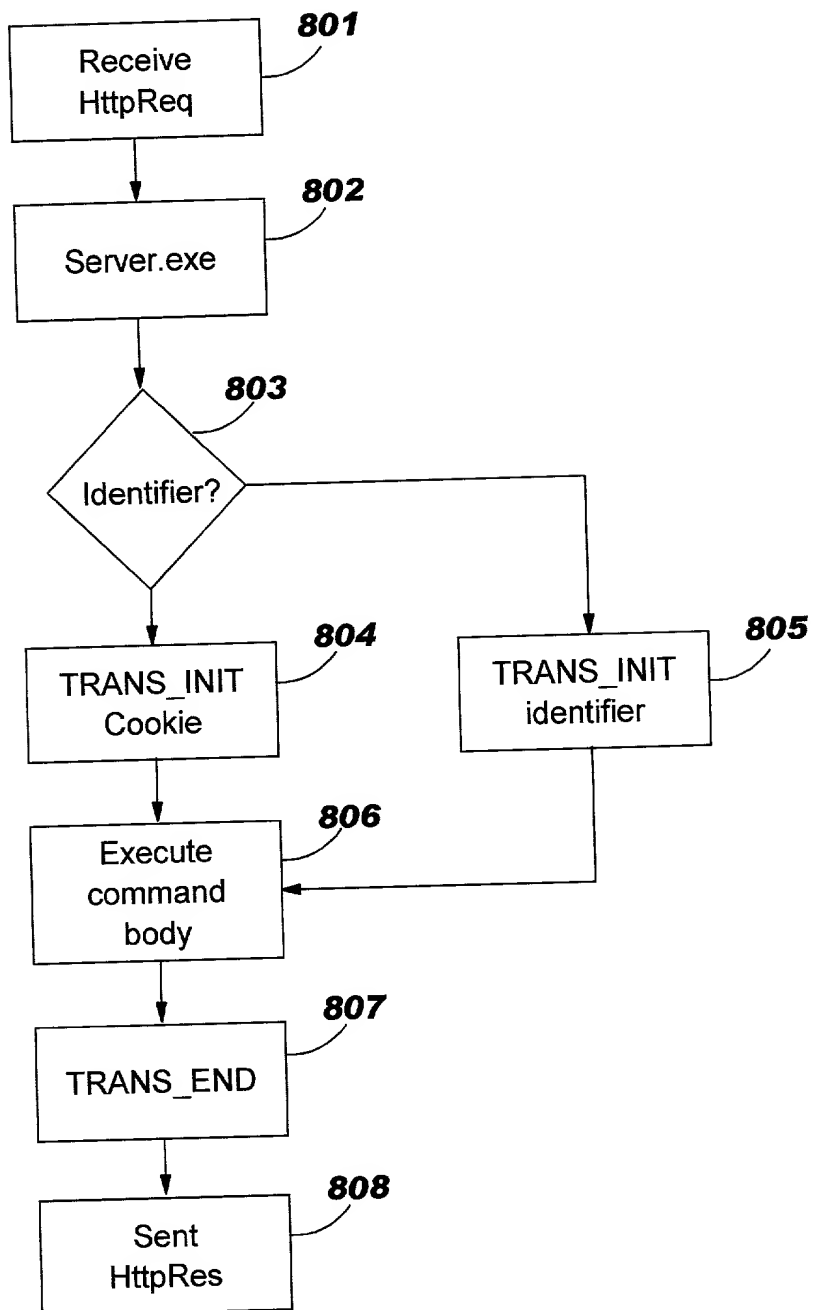


FIG. 9

//Session control with a static identifier

```
bool TransInit-StaticID(  
    HttpRequest req  
    ) {
```

// The identifier is obtained.

```
String* static_id = req.getStaticID(name_of_static ID;
```

```
if (static_id = NULL {
```

```
    // If the request is from a client sending no identifier, ie. from a conventional browser,  
    return TransInit_Cookie(req) // A conventional routine is used.
```

```
}
```

// The gateway address is validated.

```
if (!IsValidGatewayAddress(req)) {  
    return false; // The request from the invalid address is rejected.
```

```
}
```

// Security, the format of the user ID, and other information are checked.

```
if (!VerifySessionInfo()) {
```

```
    return false;
```

```
}
```

// User information is searched for based on the identifier.

```
User* user= UserTable. LookupByStaticID(static_id);
```

// Transaction is initialized according to the user status.

```
if (user = NULL) {
```

```
    User* temporary_user = User::CreateGuestUser(static_id); // A temporary guest account  
    (many limitations are posed compared with registered users) is created.
```

```
    Server. processRequestsAsGuestUser(Req.temporary_User); // if the user is not registered,  
    the request is processed using a guest authority.
```

```
} else {
```

```
    if (user.isLoginin()) {
```

```
        Server. processRequestFromRegisteredUser(req.user); // Because the user is  
        logging in, the request is processed using the authority of the user.
```

```
} else {
```

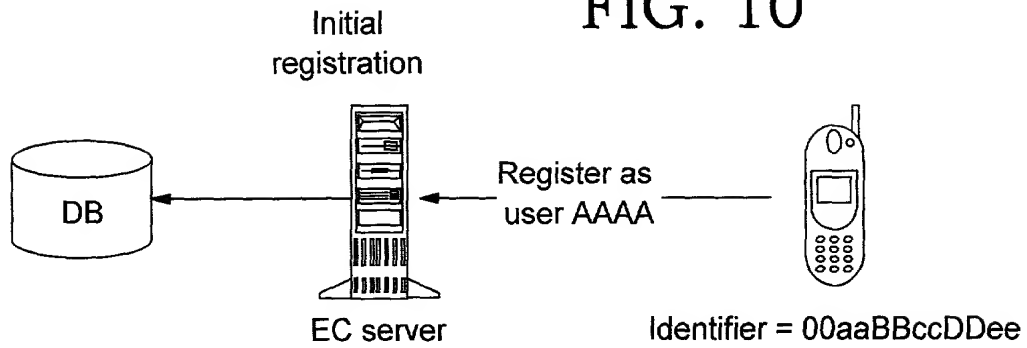
```
    Server. processRequestFromGuestUser(req.user); // Because the user logged out,  
    the request is processed using the guest authority.
```

```
}
```

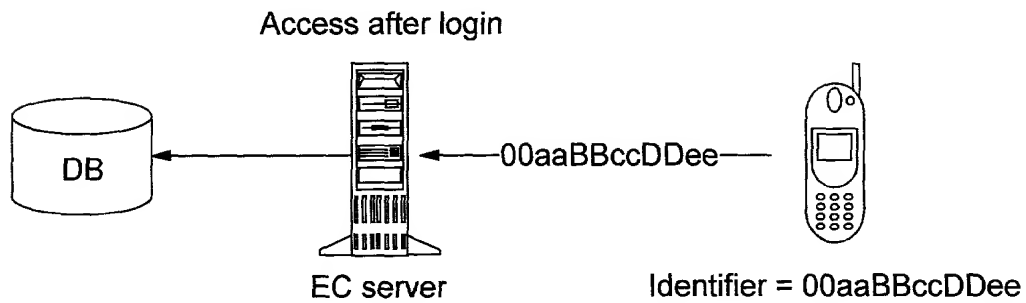
```
}
```

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T09040-5920650

FIG. 10



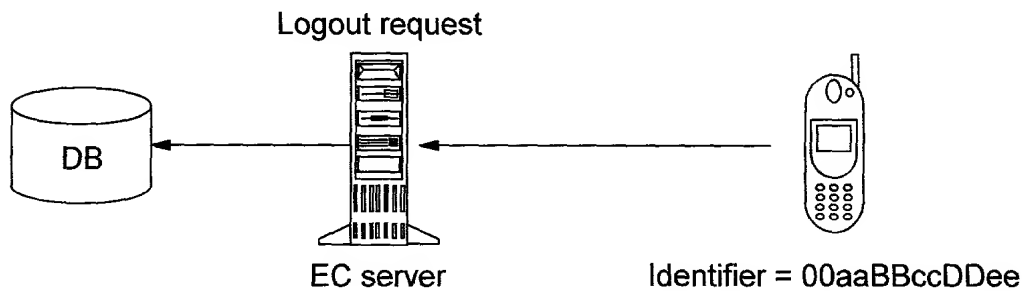
(a)



A user with identifier =
00aaBBccDDee is searched for

It is found that the terminal with identifier =
00aaBBccDDee is logging in as user AAAA

(b)



The status of the user with
identifier = 00aaBBccDDee
is changed to Logout

(c)

FIG. 10

FIG. 11

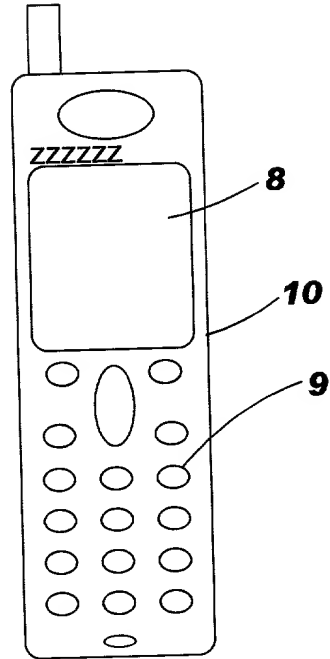


FIG. 12

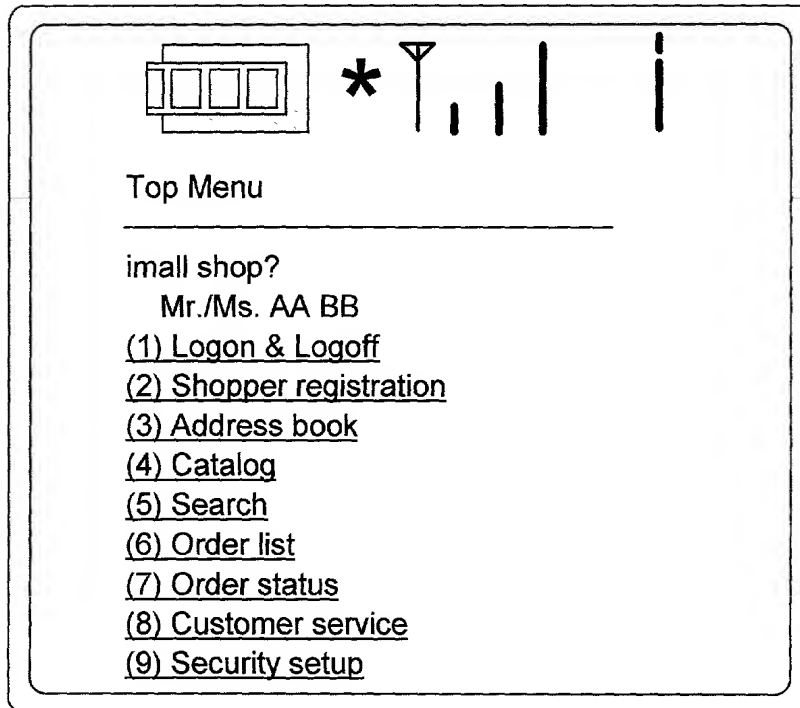


FIG. 12

FIG. 13

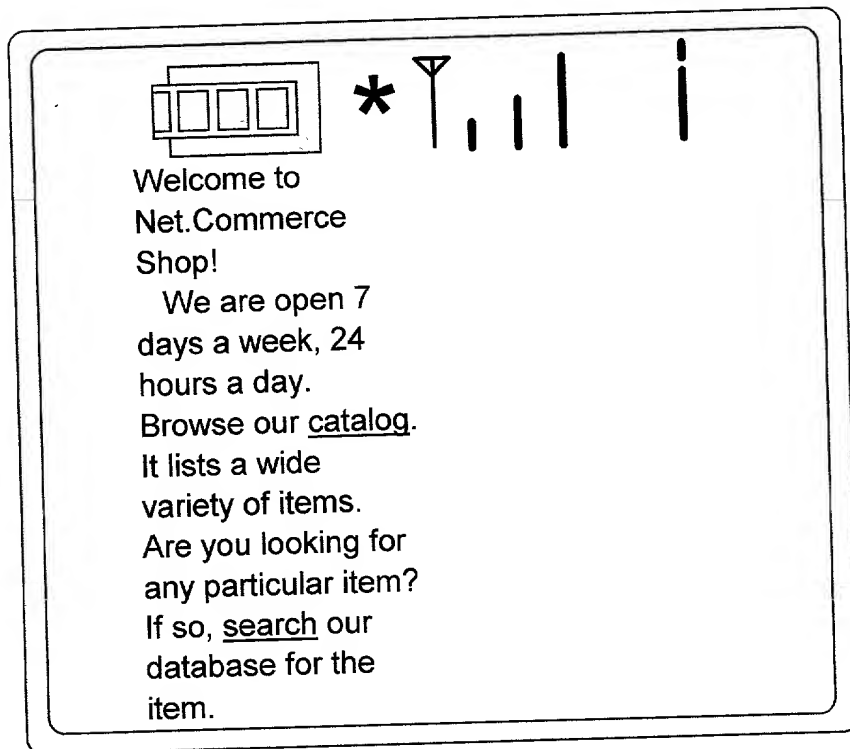


FIG. 13

FIG. 14

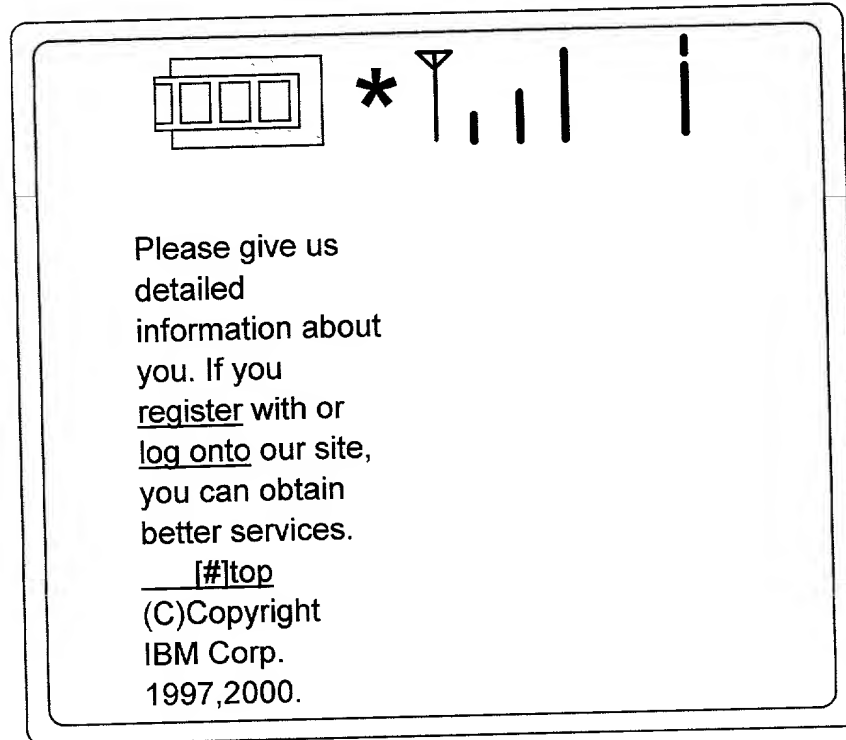
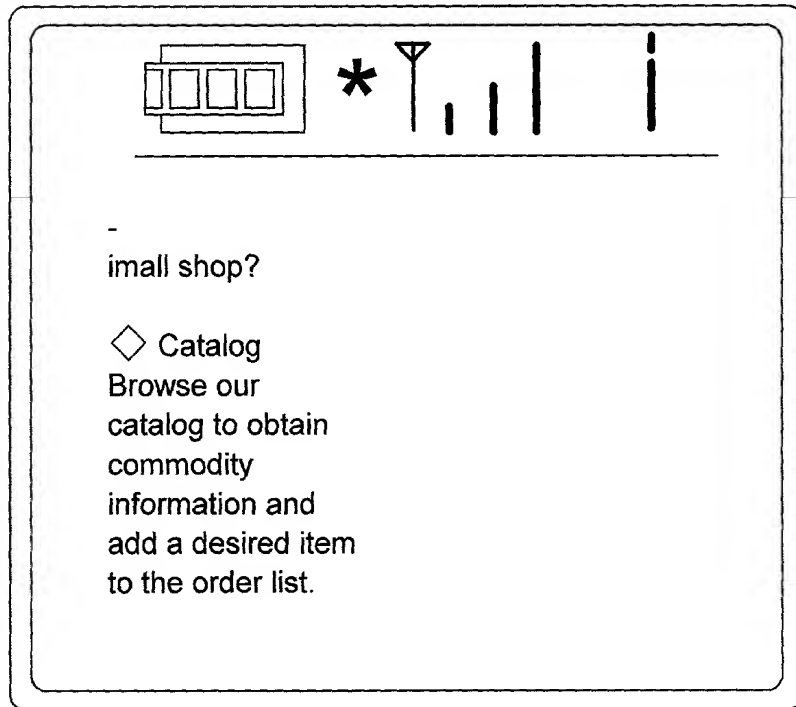
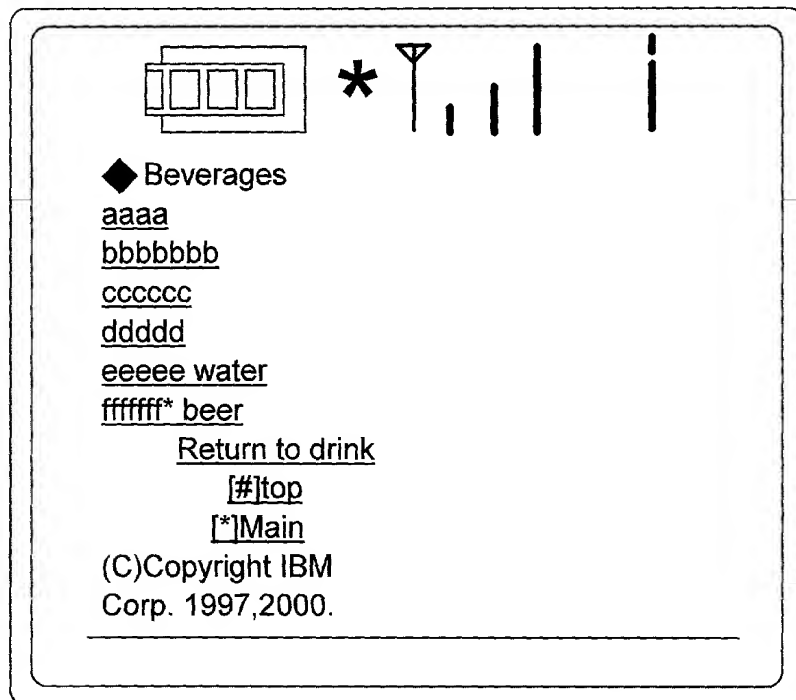


FIG. 14

FIG. 15



(a)

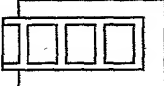



(b)

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FIG. 16

(a)

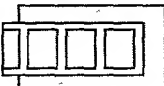




Order List

imall shop?



◇ Order List
Mr./Ms. AA BB
Total: \$4974
(exclusive of tax)

(b)

a	1234567676423 4234 234 245345	76423 4234 234 245345
46 3		
a	1234567676423 4234 234 245345	76423 4234 234 245345
46 3		
a	1234567676423 4234 234 245345	76423 4234 234 245345
46 3		
a	1234567676423 4234 234 245345	76423 4234 234 245345
46 3		
a	1234567676423 4234 234 245345	76423 4234 234 245345
46 3		
a	1234567676423 4234 234 245345	76423 4234 234 245345
46 3		

(c)

Remove item
Send order
(To next page)
[4]Catalog
[#]Top
[*]Main
(C)Copyright IBM
Corp. 1997,2000.

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T09020"59200660

FIG. 17

Payment Information

small shop?







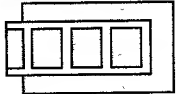
◇ Payment information

Total amount of payment
for your order is show
below.

If there is no problem,
input payment information
and click the purchase
button to send the
payment information.

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FIG. 18

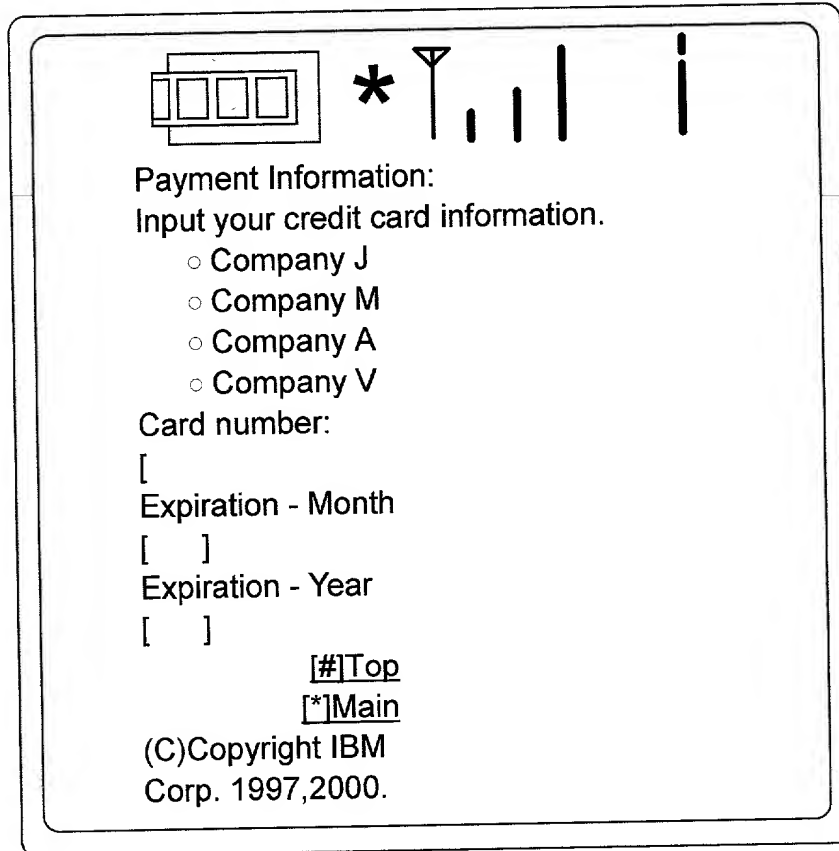


Total for each delivery address

Mr./Ms. AA BB
Address
Select a desired delivery
service used for the delivery
of your package.
Subtotal: \$4974
Total tax (5.00%): \$294
Delivery charge: \$100
by post by home delivery by other means
Total: \$5323

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FIG. 19



The screen displays a payment information input interface. At the top, there is a header area containing a logo with four squares, an asterisk, a signal strength indicator with four bars, and a vertical bar. Below the header, the text "Payment Information:" is followed by "Input your credit card information." and a list of four radio button options: "Company J", "Company M", "Company A", and "Company V". Below the list, the text "Card number:" is followed by a bracketed input field. Below the input field, the text "Expiration - Month" is followed by a bracketed input field. Below the input field, the text "Expiration - Year" is followed by a bracketed input field. At the bottom, there are two underlined buttons: "[#]Top" and "[*]Main". Below the buttons, the text "(C)Copyright IBM Corp. 1997,2000." is displayed.

Payment Information:
Input your credit card information.

- ☐ Company J
- ☐ Company M
- ☐ Company A
- ☐ Company V

Card number:
[]

Expiration - Month
[]

Expiration - Year
[]

[#]Top
[*]Main

(C)Copyright IBM
Corp. 1997,2000.

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